First Nations Water Rights in British Columbia

A Historical Summary of the rights of the Union Bar First Nation

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WATER MANAGEMENT BRANCH

FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Union Bar First Nation

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Gary Robinson
Project Manager
Water Management Branch

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FIRST NATIONS WATER RIGHTS REPORT

BAND: Union Bar Band

ADDRESS: P.O. Box 788, Hope, B.C., V0X 1L0

CHIEF: Chief Andrew Alex

PHONE: 869-9466 **FAX:** 869-9466

AFFILIATION: Sto:lo Nation Canada

LOCATION:

The Union Bar Band occupies seven reserves in areas located directly north and northeast of the town of Hope. These reserves range in size from 6 hectares to 219 hectares, and occupy a total area of 499.7 hectares. The reserves include:

Aywawwis 15	Kawkawa Lake 16	Klaklacum 12
Puckatholetchin 11	Skawahlum 10	Trafalgar Flat 13
Timber 14 (now known as Swahliseah 14)		

Of the reserve lands, water rights have been allocated on:

- **Kawkawa Lake 16**: a 6.5 hectare reserve located on the southeastern shore of Kawkawa Lake.
- **Puckatholetchin 11**: the most northerly of all the Union Bar reserves, located on the west bank of the Fraser River. Puckatholetchin 11 is 219 hectares in area.
- **Timber 14**: a 86.3 hectare reserve located on the east bank of the Fraser River adjacent to Trafalgar Flat Reserve No. 13.
- **Trafalgar Flat 13**: a 66.2 hectare reserve located adjacent to Timber Reserve No. 14.

The most recent population figures compiled by the Ministry of Finance report that the Union Bar Band has a total population, including registered and non-registered members, living on- and off-reserve, of 81.

All seven Union Bar reserves of the Band are located by the Coastal Western Hemlock Biogeoclimatic Zone. The reserves lie at elevations ranging from sea level to 700 feet above sea level, and experience climate in which average daily temperatures range from lows of -5 degrees centigrade in January, a highs of 16 degrees centigrade in July. Annual rainfall for the area averages between 100 and 250 centimetres.

Water courses of significance include:

- **American Creek**: flows east through the southern portion of Puckatholetchin Reserve No. 11 before draining into the Fraser River.
- **Hamlin Creek**: flows south through Timber Reserve No. 14 and Trafalgar Reserve No. 13 and drains into the Fraser River.
- **Sucker Creek**: refers to a longer creek originating east of Kawkawa Lake. It flows through Lot 56 and Kawkawa Lake and then drains into the Coquihalla River. (Sucker Creek was originally named Kawkawa Creek; early allocations refer to "Kawkawa Creek" in naming the water source).
- **Kopp Creek**: flows west through Kawkawa Reserve No. 16 into Kawkawa Lake.
- **Kopp Spring**: located east of Kawkawa Reserve No. 16.
- **Menz Creek**: located west of Kawkawa 16, flows west and merges with Kopp Creek.
- **Pucka Creek**: flows south through Puckatholetchin Reserve No. 11 and drains into the Fraser River.
- **Trafalgar Creek**: flows south through the western portion of Trafalgar Flat Reserve No. 13 and drains into the Fraser River.

WATER ALLOCATIONS:

There are no records of allocations made by Order-in-Council of the Lieutenant Governor in Council.

The water rights of the Union Bar Band have been determined by four actions of government over the years:

1) Allotments by Indian Reserve Commissioners (IRC).

   Following confederation, the Province and the Dominion established an Indian Reserve Commission to reserve lands for the Indians and to facilitate the transfer of the lands in question to Dominion authority. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water in conjunction with the land. This practice was unique among Indian Reserves in Canada and the authority of the Commissioners to allot water rights has been disputed by the Province since.

2) Determinations of the Board of Investigation under the *Water Act, 1914* with respect to claims filed by the Department of Indian Affairs. In it's ruling's the Boards often recommended the issue of water licences.

3) The issue of water licences in response to Federal Government applications requesting authorization for the use of water on reserve lands.

4) Actions to amend, cancel or record as abandoned. licenced rights pursuant to provisions contained in the *Water Act*.

HISTORY, CURRENT STATUS AND NOTES:

The history of water rights, the current status of rights, and notes for the Union Bar Band with respect to American, Hamlin, Kawkawa, Kopp, Menz, Pucka, and Trafalgar Creeks are as follows:

American & Pucka Creeks:

History:

Aug 12, 1879 A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Union Bar Band:

> *"150 inches* of water for irrigation and other purposes are assigned from any sources of water supply which on survey may be found, particularly from **American Bar Creek, and from the creek which in ... flows easterly into the large lake .... from the water ditch and flume...."*

**Note: 'American Bar Creek' is currently recognized as 'American Creek'.

*Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet for each miner's inch.

Apr 24, 1924 At a final hearing before the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that on the 26th day of September, 1888, there was an application for a record of water from American and Pucka Creeks for use on Puckatholetchin Reserve No. 11, filed in the office of the Dominion Lands Agent at New Westminster, B.C.. The Order of the Board, numbered 5439, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from American and Pucka Creeks;
(ii) take precedence from September 26, 1888;
(iii) authorize the diversion of a maximum of 475 acre feet per year for irrigation of 475 acres of Puckatholetchin Reserve No. 11, provided that 1,000 gallons per day, throughout the year, could also be used for domestic purpose.

Dec 19, 1924 The Comptroller of Water Rights issued Conditional Water Licence 7883, which embodied the terms and conditions set out in Board Order 5439.

Jun 24, 1940 In accordance with a letter from the District Chief Engineer requesting that Conditional Water Licence 7883 be abandoned, the Comptroller of Water Rights abandoned the said licence.

Further information regarding the abandonment of Conditional Licence 7883 cannot be provided because the associated file was destroyed in 1945.

Current Status:

There is currently one licence, Conditional Water Licence 21168, active on American Creek. The licence is held by a third party and authorizes the use of 1,000 gallons of water per day for domestic purpose.

The Water Survey of Canada operated station 08MF032 on American Creek from 1933 to 1936. During this period, the station recorded a minimum daily discharge of .159 m^3/sec (5.61 cubic feet/sec) on September 11, 1935, and a maximum daily discharge of 52.7 m^3/sec (1861.05 cubic feet/sec) on January 25, 1935. Low mean monthly discharges

were recorded at .293 m^3/sec in August and highs, of 5.7 m^3/sec, were recorded in April.

Notes:

1. The Union Bar First Nation's rights on American and Pucka Creeks, as allocated in 1879 by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The Union Bar First Nation. lost all licenced water rights on American and Pucka Creeks as a result of the abandonment of Conditional Water Licence 7883. The details surrounding the abandonment are unclear; the supporting details were destroyed with the associated file in 1945.

Hamlin & Trafalgar Creeks:

History:

Aug 12, 1879 A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Union Bar Band:

> *"200 inches* of water for irrigation and other purposes are assigned from all sources of water supply which, on survey, may be found available."*

Based on the appurtenant land, Trafalgar Flat Reserve No. 13, it is assumed that Hamlin Creek and Trafalgar Creeks are the water sources described in this Minute of Decision.

*Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet for each miner's inch.

Apr 24, 1924 At a final hearing of the Board of Investigation, acting pursuant to the *Water Act, 1914*, the Board determined that on the 26th day of September, 1888, there was an application filed requesting a record of water from Hamlin Creek and Trafalgar Creek, for use on Trafalgar Flat Reserve No. 13. The Order of the Board, numbered 2621, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Hamlin Creek and Trafalgar Creek;
(ii) take precedence from September 26, 1888;
(iii) authorize the diversion of a maximum of 136 acre-feet per year for the irrigation of 136 acres of Trafalgar Flat Reserve No. 13, provided that 1,000 gallons per day, throughout the year, could also be used for domestic purpose.

Apr 24, 1924 The Comptroller of Water Rights issued Conditional Water Licence 7531, which embodied the terms and conditions set out in Board Order 2621.

Apr 24, 1924 At a final hearing of the Board of Investigation, acting pursuant to the *Water Act, 1914*, the Board determined that on the 26th day of September, 1888, there was an application filed requesting a record of water from Hamlin Creek, for use on Timber Reserve No. 14. The Order of the Board, numbered 2626, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Hamlin Creek;
(ii) take precedence from September 26, 1888; and
(iii) authorize the diversion of a maximum of 154 acre feet per year for irrigation of 154 acres of Timber Reserve No. 14, provided that 1,000 gallons per day, throughout the year, could also be used for domestic purpose.

Apr 24, 1924 The Comptroller of Water Rights issued Conditional Water Licence 7532, which embodied the terms and conditions set out in Board Order 2626.

Jun 24, 1940 Conditional Water Licence 7531 was recorded as abandoned. Conditional Licence 7532 was recorded as canceled. Further information regarding the abandonment and cancellation of these licences cannot be provided because the associated files were destroyed in 1945.

Current Status:

There are currently no licences active on Hamlin or Trafalgar Creeks.

The Water Survey of Canada has no records of streamflow for Hamlin Creek. No alternative sources of current water availability data were located during the course of this study.

Notes:

1. The Union Bar First Nation's rights to the waters of Hamlin and Trafalgar Creeks, as allocated in the 1879 by Indian Reserve Commission, have not been formally recognized by the Province.

2. The abandonment of Conditional Water Licence 7531 resulted in the loss of all of the Union Bar First Nation's licenced rights on Trafalgar Creek, and a partial loss of the Band's licenced rights on Hamlin Creek. Details surrounding the abandonment of this licence are unclear as the supporting file was destroyed in 1945.

3. The cancellation of Conditional Water Licence 7532 resulted in the loss of all of the Union Bar First Nation's Water Rights on Hamlin Creek. Details surrounding the cancellation of this licence are unclear as the supporting file was destroyed in 1945.

Sucker Creek (Kawkawa Creek):

History:

Dec 19, 1924 At a final hearing of the Board of Investigation, acting pursuant to the *Water Act of 1914*, the Board determined that on the 26th day of September, 1888, there was an application filed in the office of the Dominion Lands Agent requesting a record of water from Kawkawa Creek, for use on Kawkawa Reserve No. 16. The Order of the Board, numbered 2623, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Kawkawa Creek;
(ii) take precedence from September 26, 1888; and
(iii) authorize the diversion of a maximum of 8 acre feet per year for irrigation of 8 acres of Timber Reserve No. 14, provided that 500 gallons per day, throughout the year, could also be used for domestic purpose.

Dec 19, 1924 The Comptroller of Water Rights issued Conditional Water Licence 7884, which embodied the terms and conditions set out in Board Order 2623.

Jun 21, 1940 Conditional Water Licence 7884 was recorded as abandoned.. Further details regarding the abandonment cannot be provided as the supporting file was destroyed in 1945.

Current Status:

There are currently three licences active on Sucker Creek, none of which are held by the Union Bar Band. Of the licences:

- 1 authorizes the use of .07 acre-feet of water for construction - waterworks purpose.
- 1 authorizes the use of 250 gallons of water per day for domestic purpose.
- 1 authorizes the use of 4,500 gallons of water per day for land improvement purpose.

The Water Survey of Canada has no records of streamflow for Kawkawa Creek. No alternative sources of current water availability data were located during the course of this study.

Notes:

1. The Union Bar Fist Nation's licenced water rights on Sucker Creek were lost as a result of the abandonment of Conditional Water Licence 7884. Details surrounding the abandonment of this licence are not known as the associated file was destroyed in 1945.

Kopp & Menz Creeks:

History

Aug 12, 1879 A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Union Bar Band:

> *"The Indians are to have the prior right to 10 inches* of water for irrigation or other purposes from the creek flowing through the land, or from other available sources of water supply."*

It is assumed that the water sources described in this Minute of Decision are Kopp and Menz Creeks.

*Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet for each miner's inch.

Apr 20, 1937 — In response to an application made by Elmer Strom, the Comptroller of Water Rights issued Conditional Water Licence 13230. The licence was assigned a precedence date of November 23, 1936 and authorizes the diversion of 2,000 gallons a day from Menz Creek and Kopp Creek for domestic purpose. The appurtenant lands are defined as Kawkawa Reserve No. 16.

Nov 1, 1949 — Based on the extent to which the rights granted under Conditional Licence 13230 were exercised, the Comptroller of Water Rights issued Final Water Licence 13572, in substitution, to John H. Steele. The licence was assigned a precedence date of November 23, 1936 and authorizes the diversion of 500 gallons a day from Kopp Creek, for domestic purpose on Kawkawa Reserve No. 16.

Sept 16, 1964 — A letter from the Comptroller of Water Rights stated that on April 2, 1964, a Change of Ownership form was received that noted that the rights granted under Final Licence 13572 were to be transferred to Poole's Evergreen Resorts Ltd.

Feb 20, 1968 — In accordance with a letter from Poole's Evergreen Resorts Ltd which requested that Final Water Licence 13572 be abandoned, the Comptroller of Water Rights recorded the said licence as abandoned.

Current Status:

There are currently three licences active on Kopp Creek, none of which are for the benefit of the Union Bar Band.

The Water Survey of Canada operated station 08MF067 on Kopp Creek from 1982 to 1985, during the months of April to September. For this period the mean monthly discharge reached lows in the order of .069 m3/sec, in September, and rose to highs of .084 m^3/sec in April and July.

Notes:

1. The Union Bar First Nation's right to waters Kopp and Menz Creeks, as allocated in 1879 by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The abandonment of Conditional Water Licence 13572 resulted in the loss of all of the Union Bar First Nation's licenced water rights on Kopp Creek. .

Kopp Spring:

History

1 Feb 1968 — In response to an application filed by the Department of Indian Affairs the Comptroller of Water Rights issued Conditional Water Licence 32967. The licence was assigned a precedence date of 17 March 1967 and authorized the diversion of 500 gallons per day for domestic use. The appurtenant lands were defined as Kawkawa Reserve No. 16.

Jan 15, 1973 — Based on the extent to which the rights authorized under Conditional Licence 32967 were exercised, the Comptroller of Water Rights issued Final Water Licence 40219, in substitution, to the Superintendent General of Indian Affairs. The licence was assigned a precedence date of March 17, 1967 and authorizes the diversion of 5,000 gallons a day from Kopp Spring, for industrial (resort) purpose on Kawkawa Reserve No. 16.

Current Status:

There is currently one licence active on Kopp Spring. The licence appurtenant to Kawkawa Reserve No. 16, but is currently registered to Poole's Evergreen Resort Ltd. Poole's Evergreen Resort Ltd leases a portion of Kawkawa Reserve No. 16.

The Water Survey of Canada has no records of streamflow for Kopp Spring. No other current sources of water availability information were located during the course of this study.

Notes:

1. There is no additional information with respect to the rights of the Union Bar Band on Kopp Spring.

Skawayluk Creek:

History:

Aug 12, 1879 A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Union Bar Band:

> *"20 inches* of water for irrigation and ... purposes are assigned from any sources of water supply which on survey may be found."*

It is assumed, based on the description provided in the Schedule of Indian Reserves, that the water source described in this Minute of Decision is Skwayluk Creek.

*Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet for each miner's inch.

This water record was later abandoned by the Indian Commissioner for B.C. on November 23, 1925.

Current Status:

There is no indication of a water source named Skwayluk Creek in the vicinity of Skawahlum Reserve No. 10.

Notes:

1. The are no additional noted with respect to the Union Bar First Nation's water rights on Skawayluk Creek.

AYWAWWIS 15

History:

Aug 12, 1879 A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Union Bar First Nation:

> *"50 inches* of water for irrigation and other purposes are assigned from any source of water which, on survey, may be found available."*

*Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet for each miner's inch.

It is unclear from the description provided in the Minute of Decision, in relation to current landmarks, the specific water sources on which allocations are intended.

KLAKLACUM 12

History:

Aug 12, 1879 A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Union Bar Band:

> *"20 inches* of water for irrigation and other purposes are assigned from any sources of water supply which, on survey, may be found available, but the water ditch, flume and existing water rights of Mr. Murphy..."*

*Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet for each miner's inch.

It is unclear from the description the water sources on which rights are intended.

OTHER INFORMATION:

Additional Water Records:

The *Schedule of Indian Reserves in the Dominion, 1913,* is a document published by the federal government, recording each Band's water allocations up to 1913. It is believed that these records are a compilation of Minute of Decisions, Order-in-Councils, and perhaps other formal documents. As original copies of the documents are unavailable, the dates and information cannot be verified.

Allocations in the *Schedule of Indian Reserves in the Dominion* for the benefit of the Union Bar First Nation, which are inconsistent with our findings are:

Reserve	Water Allocation
Skawahlum 10	*"20 inches of water from Skawayluk creek recorded September 25, 1888."* This water record was later abandoned by the Indian Commissioner for B.C. on November 23, 1925.
Timber 14	*"200 inches of water from Hamlin's creek recorded September 25, 1888."* Board Order 2621 (Conditional Water Licence 7531) stated that an application for a record of water from Hamlin Creek was submitted. The Union Bar Band was granted 136 acre feet of water a year. The quantity authorized under the Board Order is less than the amount stated in the Dominion's schedule (200 inches or 1333.4 acre-feet).

Groundwater Records:

A review of well records maintained by the MELP - Groundwater Section found that no wells have been reported on any of the Union Bar Reserves.

As the provision of well information to the Groundwater Section is voluntary this review should not be assumed to be complete.

Alternate Water Sources:

The proximity of Aywawwis Reserve No. 15 to the town of Hope presents the potential for water supply to the reserve via connection to the municipal water system.

The proximity of Kawkawa Lake to the Kawkawa Reserve No. 16 makes it a potential source of water for other purposes.

Summary of Water Rights Records

Union Bar First Nation

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
"any sources of supply ... on survey ... found available"	1879/08/12	Aywawwis 15	AGBC #590455	MOD			*"50 inches for irrigation and other purposes"* Converted equivalent - 305 AF	IRC Allocation: Not formally recognized by Province.
"any sources of supply ... on survey ... found available"	1879/08/12	Skawahlum 10	AGBC #590455	MOD			*"20 inches for irrigation and other purposes"* Converted equivalent - 122 AF	IRC Allocation: Not formally recognized by Province.
"any sources of supply ... found available ... except Murphy's water ditch, flume and existing water rights"	1879/08/12	Klaklacum 12	AGBC #590455	MOD			*"20 inches for irrigation and other purposes"* Converted equivalent - 122 AF	IRC Allocation: Not formally recognized by Province.
"any sources of supply ... on survey ... found available"	1879/08/12	Trafalgar Flat 13	AGBC #590455	MOD			*"200 inches for irrigation or other purposes"* Converted equivalent - 1222 AF	IRC Allocation: Not formally recognized by Province.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
"any sources of supply ... on survey ... found available ... particularly American Bar Creek"	1879/08/12	Puckatholetchin 11	AGBC #590455	MOD			*"150 inches for irrigation and other purposes"* Converted equivalent - 916 AF	IRC Allocation: Not formally recognized by Province. Water Source 'American Bar Creek': Currently recognized as "*American Creek*".
American Creek, Pucka Creek	1888/09/26	Puckatholetchin 11	0005439	CL 7883	Abandoned		475 AF/Irrigation, 1000 GAD/Domestic	Abandonment - 24 June 1940: Resulted in loss of all licenced rights for Union Bar First Nation on American and Pucka Creeks. Details surrounding abandonment unknown; corresponding file destroyed in 1945.
Hamlin Creek, Trafalgar Creek	1888/09/26	Trafalgar Flat 13	0002621	CL 7531	Abandoned		136 AF/Irrigation, 1,000 GAD/Domestic	Abandonment - 24 June 1940: Resulted in loss of all licenced rights for Union Bar First Nation on Trafalgar Creek, and partial loss of rights on Hamlin Creek. Details surrounding abandonment unknown; corresponding file

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Hamlin Creek	1888/09/26	Timber 14	0002626	CL 7532	Canceled		154 AF/Irrigation, 1000 GAD/Domestic	Cancellation - 1 Jan 1945: Resulted in loss of all licenced rights for Union Bar First Nation on Hamlin Creek. Details surrounding cancellation unknown; corresponding file destroyed in 1945.
Sucker Creek	1888/09/26	Kawkawa Lake 16	0002623	CL 7884	Abandoned		8 AF/Irrigation, 500 GAD/Domestic	Abandonment - 24 June 1940: Resulted in loss of all licenced rights for Union Bar First Nation on Sucker Creek. Details surrounding abandonment unknown; corresponding file destroyed in 1945. Water Source: Formerly known as "Kawkawa Cr".
"the creek ... or other available sources"	1879/08/12	Kawkawa Lake 16	AGBC #590455	MOD			*"10 inches for irrigation or other purposes"* Converted equivalent - 122 AF	IRC Allocation: Not formally recognized by Province. Water Source: IRC description corresponds to Kopp and Menz Creeks.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Kopp Creek	1936/11/23	Kawkawa Lake 16	0126877	CL 13230	Superceded	FL 13572	2,000 GAD/Domestic	
Kopp Creek	1936/11/23	Kawkawa Lake 16	0126877	FL 13572	Abandoned		500 GAD/Domestic	Abandonment - 31 Jan 1968: Resulted in loss of all licenced rights for Union Bar First Nation on Kopp Creek.
Kopp Spring	1967/03/17	Kawkawa Lake 16	0273175	CL 32967	Superceded	FL 40219	5,000 GAD/Domestic	
Kopp Spring	1967/03/17	Kawkawa Lake 16	0273175	FL 40219	Current		5,000 GAD/Industrial (Resort)	

Yale Indians.

Union Bar Indians.

[illegible] on the right bank of Fraser River about 7½ miles below Yale situated where there are an Indian house and village between Mr Holmes' Inscription and Packa. Creek. Latin 49°-, and to be bounded as follows.

12 August 1860

From a point on the river bank of Fraser River about 10 chains up from the Indian clearance true west to base of hill. thence southerly along base of hill for 20 chains or thereabouts. [illegible] easterly to right bank of Fraser River [illegible] . . . . . bank right bank to

[illegible] section permit.

[illegible] of water [illegible] are assigned from any source in water supply which may be found available.

Chas. Todd,

Union Bar Settlement,

A Reserve on
the right bank of Fraser River about
8 miles below Yale called Pucka. Which
letter immediately South of the portion
of Mr Holmes. and bounded as
follows.

12 August 1879

From the South east
corner of Mr Holmes surveyed portion
about 30 chains along the Southern
boundary of said portion to its
South east corner. Thence Southerly
along base of hill for about 40 chains.
Thence easterly continuing along base
of hill for about [illegible] to right
bank of Fraser River. Thence Northerly
to [illegible]

following and right bank of the mouth of American Bar Creek which is immediately above the Slate Rocks. thence westerly to base of mountains. thence northerly following said base to a point where same will be struck by a prolongation due west of the South boundary line of the property surveyed for. Emplaton. thence east to starting point. to include all Indian clearances, cultivation and houses.

150 inches

of water for irrigation and other purposes and all rights from any sources of water supply which our survey may have used during, particularly from American Bar Creek and from the creek which runs flows easterly into

the

... Lange Lake ~~[illegible]~~

~~[illegible]~~ the water ~~[illegible]~~ and flume ...

existing water rights of Mr Murphy, other mills at Union Bar are not in interfered with, and he is to have, free of charge, what timber above said water course within the reserve he may require to repair it.

F. [illegible]

Yale Indians.

Union Bar Reserve.

A Reserve on
the right bank of Fraser River a
half way between the Skátó Creek
and Union Bar at a place where
are Indian houses and gardens and
a logging shanty. The boundaries
follows.

12 August 1870

From a spot on right
bank of Fraser River about 1/4
up from the most northerly Indian
house run west 10 chains or 1/8 th. south
but sufficiently to include the
Indian houses, clearings, fences and
cultivated patches. Thence run south
about 40 chains to a small creek

W. Law

river the logging shanty. thence
true east to right bank of Tom... .
thence a Coog said. right bank to Harbin
point.

20 inches of water ...
irrigation and other purposes and
assigned from any source of ...
supply which, on survey, may be found
available, but the water diverted
Glenn and existing water rights of
Mr Murphy who owns at ...
are not to be interfered with, and
he is to have, free of charge, what-
timber along their water course within
the reserve he may require to operate
it.

Yale Indians.

Union Bar Surveys.

A Reserve consisting of the old settlement at Tra-sa-lqua-tch on the left bank of Fraser River immediately above the bluff which is opposite to Mr. Murphy's pre-emption at Union Bar, and to be bounded as follows.

From a spot on left bank of Fraser River where the land begins immediately north of said bluff north westerly; along left bank of Fraser River to a spot about 5 chains south of the old logging stable of the sawmill at Hope (known as the Indian "Billy"), thence east to foot of mountain.

[illegible]

southerly direction, following about the
to starting point.

[redacted]

water for irrigation and other pur-
are designed from all sources of
water supply which, on survey, may be
found available.

Yale Indians

Union Bar Subgroup.

A timber limit

under which these Indians are to have the exclusive right of cutting timber upon the following tract of land is assigned to them.

From the

12 August 1879

great corner of Mt. Tims' pre-emption line east 40 chains. thence true south to the north boundary of the Trafalgar Pilot reserve thence in a westerly direction following the said north boundary to left bank of Fraser River thence in a northerly direction up left bank of Fraser River to starting point.

Indian Reserves

Union Bar Reserve No 1

A Reserve on the
left hand side of Fraser River opposite
Union Bar being the 1st reserve on
Ry. mun. ins. and to be bounded as
follows -

12 August 1879

From the confluence
of the Fraser & Nicomen Rivers the Nicomen River runs in a northerly direction along
left bank of Fraser River about
40 chains to the bluff - thence in
a direct easterly direction about 40 chains
or as may be necessary in reference
to the subjoined plan, thence one
chain from right bank of Nicomen River
thence along said right bank of

&c

to starting point.

[illegible] for irrigation purposes are assigned from any source of water supply which, on survey, may be found available.

Note.

The back portion of this reserve is so rugged and uneven that the surveyor should have discretion to draw the line of this portion so as his examination may show is best for the Dept. to a point, from on which timber might be sown to improve the feed which now is [illegible] as an addition to the low arable land at the entrance. The whole reserve will contain about 180 acres.

Yale Indians.

Reserve & Bar Selections.

The fishing places of these Indians in this neighbourhood are as follows.

Two. 2. places on the right bank of Fraser River between the Sisters Creeks and the Indian Reserve below Pucka. Hill. below, and about opposite the Logging Station on Trafalgar Flat.

12 August 1879

Two. 2. places also on right bank of Fraser River respectively opposite Ay-wam. and Skaya and mouth of the Skw. kul. hah. Lu river.

Their right of access to these pla[illegible] but in such manner as

it is

to be least inconvenient to owners in the lands [illegible] unworked, and the Indians are not to accuse these persons except for captures and drying the fish in their accustomed way, and only in their [illegible] seasons.

Rule Indians.

[Ngaiwi Bay Peninsula]

A Reserve of about 10 acres on the east side of Wai. ka. wā Lake (about 3 m: behind Hope) to commence at the southern angle of Mr. Humphrys district. thence true east 5 chains. thence true south 20 chains. thence true west 10 chains. thence true north to Lake. thence following shore of Lake to starting point.

12 August 1879

To be drawn so as to include not less than 5 acres of cultivated land. that is, low land.

The Indians are to have the prior right to 10 inches of water

for

for [illegible] of the [illegible] for
the Creek flowing through the land
in front of the available. [illegible]
of water supply.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For a n Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 2621, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a Conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this Conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Trafalgar Flat Indian Reserve (No.13 Yale)

Abandoned

Made and entered this 28th day of April, 1924

E. A. Cleveland
Comptroller of Water Rights.

No. 7531

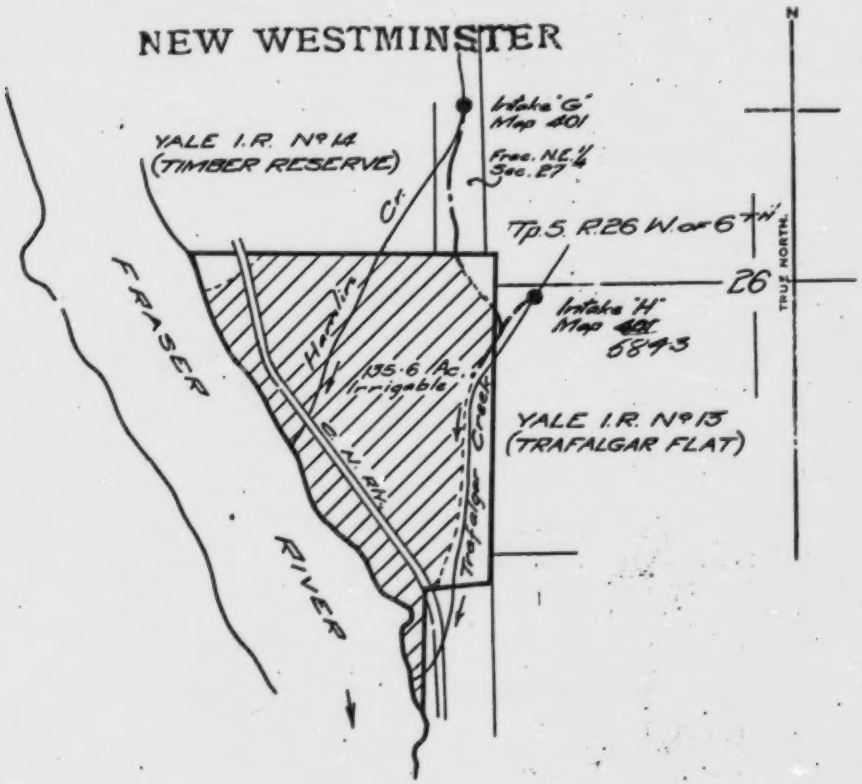
Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-1-23—504.

British Columbia

To accompany Board Order No. 2621

ASHCROFT WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LEGEND
Intake ●
Ditch ——— - ———
Road

The boundaries of the land to which this licence is appurtenant are shown shaded. 135·6 acres within the said boundaries are claimed to be irrigable. Same shown by hatching.

Description of Works to be constructed
Ditch

Signature J. Alexander
J. Shane 24 Apr. 1926
(C.L. 7591)

B.O. 2621
File 18. 10. I.R.

EXHIBIT "A" R.B.

250-124-4837

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters of Hamlin Creek and Trafalgar Creek, tributaries of Fraser R. in the neighbourhood of Hope, in the NEW WESTMINSTER Ashcroft Water District.

NOW, on the 10th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 18-10-1) that on the 26th day of September 1888 there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Hamlin Creek and Trafalgar Creek, tributaries of Fraser River, for use on the Trafalgar Flat Indian Reserve (No.13 Yale) and that water from the said creeks has been used for beneficial purposes on the said Indian Reserve.

ORIGINAL

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are Hamlin Creek and Trafalgar Creek tributaries of Fraser River.

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1888

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 136 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is One (1) foot acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Trafalgar Flat Indian Reserve (No.13 Yale) of which 136 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

ORIGINAL

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 1000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 24th day of April, 1924

THE BOARD OF INVESTIGATION.

By ----------, Chairman.

and ----------, Member.

Member

Form 387, W.R.B.—2,000-12-20.

Order No. 2621.

Original

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For a n **Irrigation** Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 2626, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a **Conditional** licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this **Conditional** licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to **Timber Reserve Indian Reserve (No.14 Yale)**

Made and entered this 2nd day of April 192 4

E. A. Cleveland
Comptroller of Water Rights.

No. 7532

Form No. 1008, W.R.B. (Licence in respect of Board Order)—1,500-1-23—504.

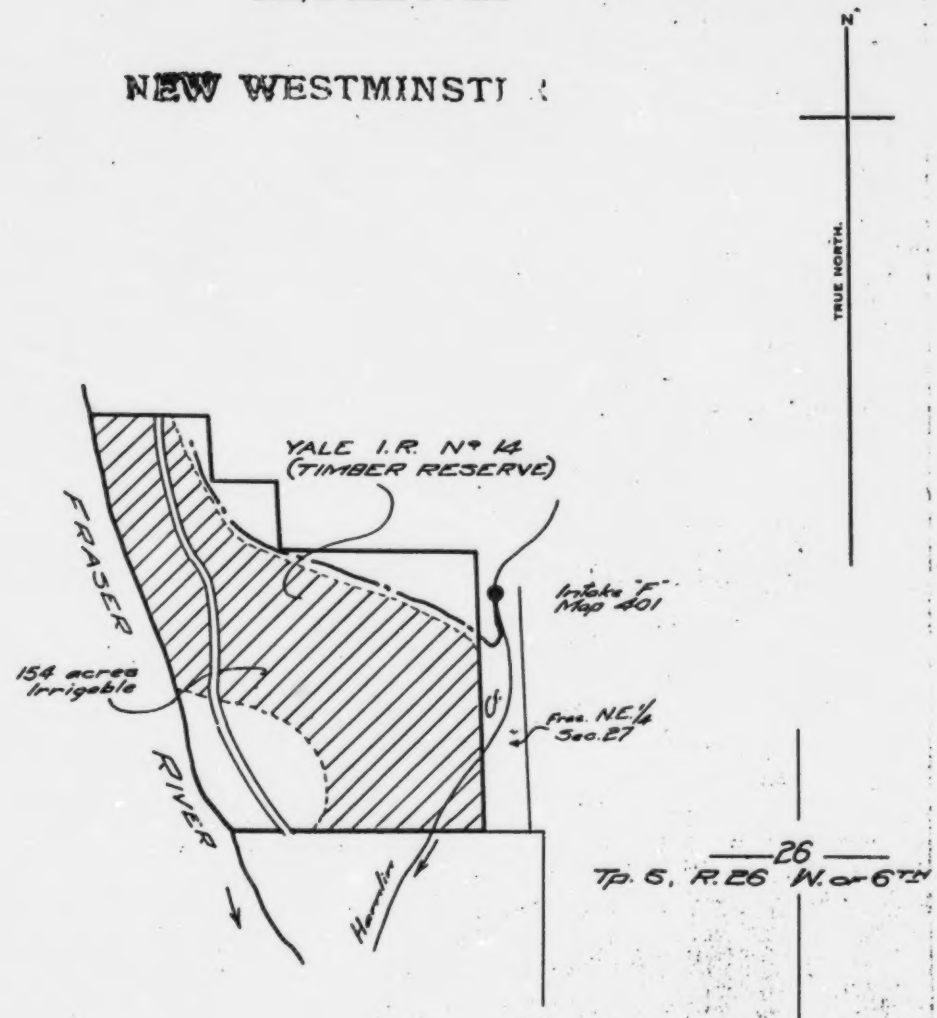
British Columbia

To accompany Board Order No. 2626

ASHCROFT WATER DISTRICT.

Scale, 20 Chains to 1 Inch.

NEW WESTMINSTER



LEGEND
Intake
Ditch
Road
The boundaries of the land to which this licence is appurtenant are shown shaded.
154 acres within the said boundaries are claimed to be irrigable, as shown hatched

Description of Works to be constructed.
Ditch

Signature J. T. Alexander
J. T. Shane 24 Apr. 1924
(C.L. C.L. 7538 B.O. 2626
File 17. 10. I.R.

G.S.C.
C.W.

EXHIBIT "A" R.B.

250-124-4837

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Hamlin Creek a tributary of Fraser River.

in the neighbourhood of Hope, in the

NEW WESTMINSTER Ashcroft Water District.

NOW, on the 10th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 17-10-1) that on the 26th day of September 1888 there was filed in the office of the Dominion Lands Agent at New Westminster, B.C. a bona fide application for a record of water from Hamlim Creek, a tributary of Fraser River, for use on the Timber Reserve Indian Reserve (No. 14 Yale) and that water from the said creek has been used for beneficial purposes on the said Indian Reserve.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a*.) The sources of the water supply is Hamlin Creek a tributary of Fraser River.

(*b*.) The points of diversion from the said sources ~~are~~ is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c*.) The date from which the said licence shall take precedence is 26th September, 1888

(*d*.) The purpose for which the water is to be used is irrigation.

(*e*.) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 154 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is One (1) acre-foot Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f*.) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g*.) The water may be used on the Timber Reserve Indian Reserve (No.14 Yale) of which 154 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h*.) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i*.) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j*.) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930

(*k*.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

ORIGINAL.

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 1000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ----------. ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

.....

.....

.....

.....

.....

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 29th day of April, 1924.

THE BOARD OF INVESTIGATION.

By ..... Member.

and ....., *Member.*

Form 587, W.R.B.—2,000-12-20. Order No. 2626.

ORIGINAL.

COPIES SENT TO:
Indian Commissioner, P.O.Box 70, Vancouver, B.C.
Indian Agent, Lytton, B.C.

June 24, 1940.

C. E. Webb, Esq.,
District Chief Engineer,
Dominion Water & Power Bureau,
739 Hastings Street West,
Vancouver, B. C.

Your file 24708 F.L.
Dear Sir: Our files 30, 28-14-1, 18 & 19-10-1.

We are in receipt of your letter of the 21st instant and note that abandonment is agreed upon in respect of the following Conditional Water Licenses and our records have been so noted:

C.L. 7816, Sahhan Creek, Hope I.R./2
C.L. 7831, Hamlin & Trafalgar Creeks, Yale I.R./13
C.L. 7835, American & Fuska Creeks, Yale I.R./11
C.L. 7864, Kawkawka Creek, Yale I.R./16.

A copy of this letter is being sent to the Indian Commissioner and Indian Agent, Lytton.

Yours very truly,

E. DAVIS,
Comptroller of Water Rights.

ED/G

Per:

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1914~~," duly held an investigation respecting the water set out in the order No. 5439, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914~~," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Puckatholetchin Indian Reserve (No.11, Yale).

Abandoned

File Head

Made and entered this 19th day of December, 1924

E. C. Leonard

Comptroller of Water Rights.

No. 7883

Form No. 1006, W.R.B. (Licence in respect of Board Order)—500-324-5784

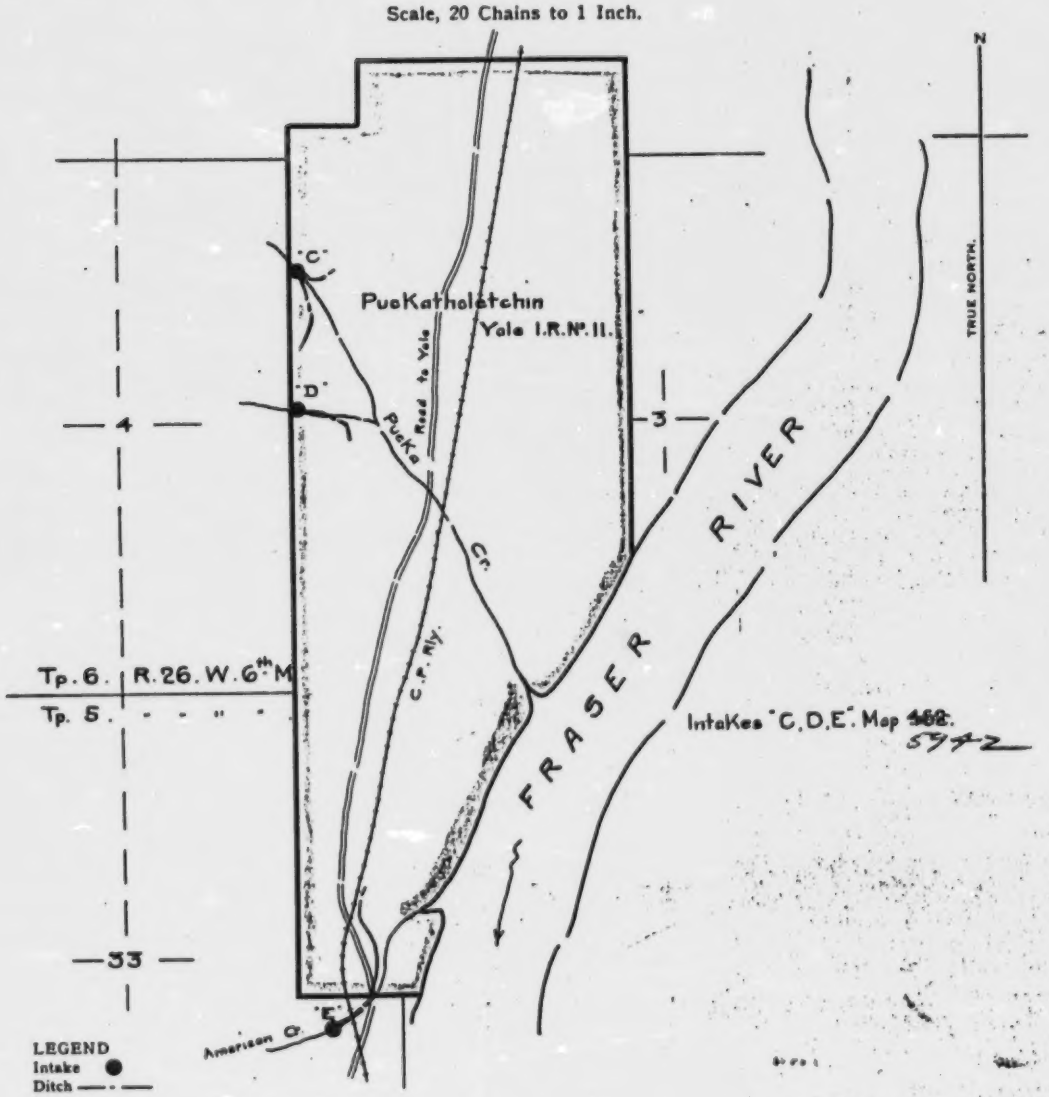
ORIGINAL

British Columbia

To accompany Board Order No. 5939

ASHCROFT — WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



Intakes "C, D, E". Map ~~462~~ 5942

LEGEND
Intake ●
Ditch —·—
Road ═══

The boundaries of the land to which this licence is appurtenant are shown shaded.
475 acres within the said boundaries are claimed to be irrigable.

Description of Works to be constructed:
Ditches

Signature J. Alexander
J. Blane
10th Dec. 1920

EXHIBIT "A"

R. B.

(C.L. 7883) B.O. 5939
File 28-14-I.R.

250-124-4837

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914"

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters of American and Pucka Creeks, tributaries of Fraser River, in the neighbourhood of Hope, in the Ashcroft Water District.

NOW, on the 11th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 28-14-1) that, on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from American and Pucka Creeks, tributaries of Fraser River, for use on the Puckatholetchin Indian Reserve (No.11, Yale) and that water from the said creeks has been used for beneficial purposes on the said Indian Reserve.

ORIGINAL

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are American and Pucka Creeks, tributaries of Fraser River.

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 475 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is one (1) acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Puckatholetohin Indian Reserve (No.11, Yale) of which 475 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Form 587 (2), W.R.B.—1M-1024-7719

Board Order No.5439.

Original

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 1,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ..... acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ..... and it may be stored (accumulated) in a reservoir at ..... between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 44 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 19th day of December, 1924.

THE BOARD OF INVESTIGATION.

By J. T. Alexander, Chairman.
Member.

and J. F. Lane, Member.

Form 587 (3). W.R.B.—1M-1024-7719.

Order No. 5439.

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1914,~~" duly held an investigation respecting the water set out in the order No. 2623, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914,~~" issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Kawkawa Indian Reserve (No.16, Yale).

Abandoned - 21 January 1949
T.M. Dobie 11 Oct 1949

Made and entered this 19th day of December, 1924

E. C. Leeming
Comptroller of Water Rights.

No. 7884

Form No. 1006, W.R.B. (Licence in respect of Board Order)—500-324-5764

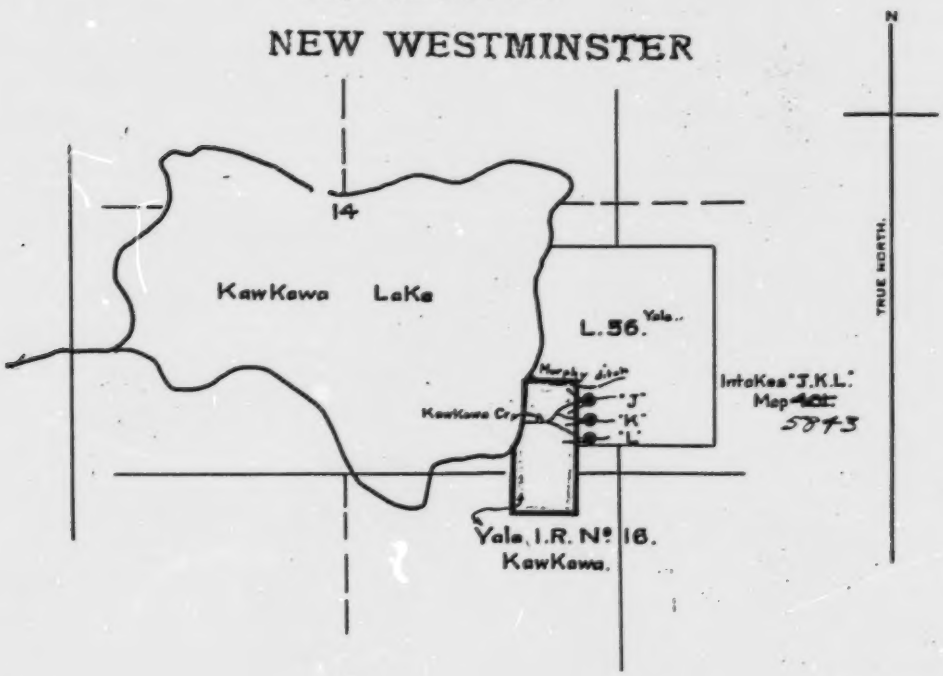
ORIGINAL

British Columbia

To accompany Board Order No. 2623

ASHCROFT —— WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



Tp. 5. R.26. W.6th M.

LEGEND
Intake ●
Ditch — · —
Road

The boundaries of the land to which this licence is appurtenant are shown shaded.

8 acres within the said boundaries are claimed to be irrigable.

Description of Works to be constructed;
Ditches

Signature J.T. Alexander
J.B. Lane 19 Dec. 1924

R.B. (C.L. 7884) B.O. 2623 F.T.
File 19-10-1.

EXHIBIT "A"

250-124-4837

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters of Kawkawa Creek, a tributary of Kawkawa Lake, in the neighbourhood of Hope, in the NEW WESTMINSTER Ashcroft Water District.

NOW, on the 10th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 19-10-1) that, on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B. C., a bona fide application for a record of water from Kawkawa Creek, a tributary of Kawkawa Lake, for use on the Kawkawa Indian Reserve (No.16, Yale) and that water from the said creek has been used for beneficial purposes on the said Indian Reserve.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The source of the water supply is Kawkawa Creek, a tributary of Kawkawa Lake.

(*b.*) The points of diversion from the said source are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 8 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is One (1) ~~acre-feet~~ foot: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Kawkawa Indian Reserve (No.16, Yale) of which 8 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 500 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ~~~~~ acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ~~~~~ and it may be stored (accumulated) in a reservoir at ~~~~~ between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 17 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 19th day of December, 1924.

THE BOARD OF INVESTIGATION.

By B. Alexander, Chairman.
Member.
and J. E. Lane, Member.

COPIES SENT TO:
Indian Commissioner, P.O.Box 70, Vancouver, B.C.
Indian Agent, Lytton, B.C.

June 24, 1940.

C. E. Webb, Esq.,
District Chief Engineer,
Dominion Water & Power Bureau,
739 Hastings Street West,
Vancouver, B. C.

Your file 24708 W.L.
Dear Sir: Our files 30, 33-14-1, 18 & 19-10-1.

We are in receipt of your letter of the 21st instant and note that abandonment is agreed upon in respect of the following Conditional Water Licences and our records have been so noted:

C.L. 7516, Sehlem Creek, Hope I.R.#2
C.L. 7521, Hamlin & Trafalgar Creeks, Yale I.R.#18
C.L. 7525, American & Puckm Creeks, Yale I.R.#11
C.L. 7524, Kawkawlem Creek, Yale I.R.#16.

A copy of this letter is being sent to the Indian Commissioner and Indian Agent, Lytton.

Yours very truly,

E. DAVIS,
Comptroller of Water Rights.

EDC/G Per:

Address Reply to
Dominion Water & Power Bureau. COPY 1 L.1. 1454819 Quote File 24708 F.L.

DEPARTMENT OF MINES AND RESOURCES
Surveys and Engineering Branch

Vancouver, B. C.
June 21, 1940.

Sir:

(30-14-1) Re: C.L.7516, Schkam Creek, Hope I.R.#2
(18-10-1) C.L.7531, Hamlin & Trafalgar creeks, Yale I.R. #13.
(28-14-1) C.L.7883, American & Pucka creeks, Yale I.R. #11.
(19-10-1) C.L.7884, Kawkawka creek, Yale I.R.#16

Your four letters of June 7 are acknowledged in which you state the above licences will be cancelled, for non-use, unless abandonment is agreed upon. As it would appear there is no likelihood of irrigation being required from these conditional licences in the near future, abandonment is agreed to in each instance.

Yours very truly,

"C.E.Webb"

C.E.Webb
District Chief Engineer

E. Davis, Esq.,
Comptroller of Water Rights,
Department of Lands,
VICTORIA, B. C.

Note as cancelled for non-user
see file 30-14-1 Kaw

W.R.B. 1002—4M-1934-3054

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

Elmer Strom, of Hope, B.C., is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is are Menz creek, tributary to Kopp creek, and Kopp creek, tributary to Kawkawa lake.

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 23rd November, 1936.

(d.) The purpose for which the water is to be used is Domestic.

(e.) The maximum quantity of water which may be diverted is 2,000 gallons a day,

and such additional quantity as the District Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is the whole year.

(g.) The land upon which the water is to be used and to which this licence is appurtenant is Kawkawa Indian Reserve No. 16 (Yale),

as shown on the attached plan.

(h.) The works for the diversion and carriage of the water are flume, ditch and pipes,

and shall be commenced on or before the 30th day of June 1937 and shall be completed and the water beneficially used on or before the 31st day of December 19 38.

(i.)

Superseded by Final Licence 13572

ENTERED ON
Map 5643
Ledger RW 9M

Comptroller of Water Rights.

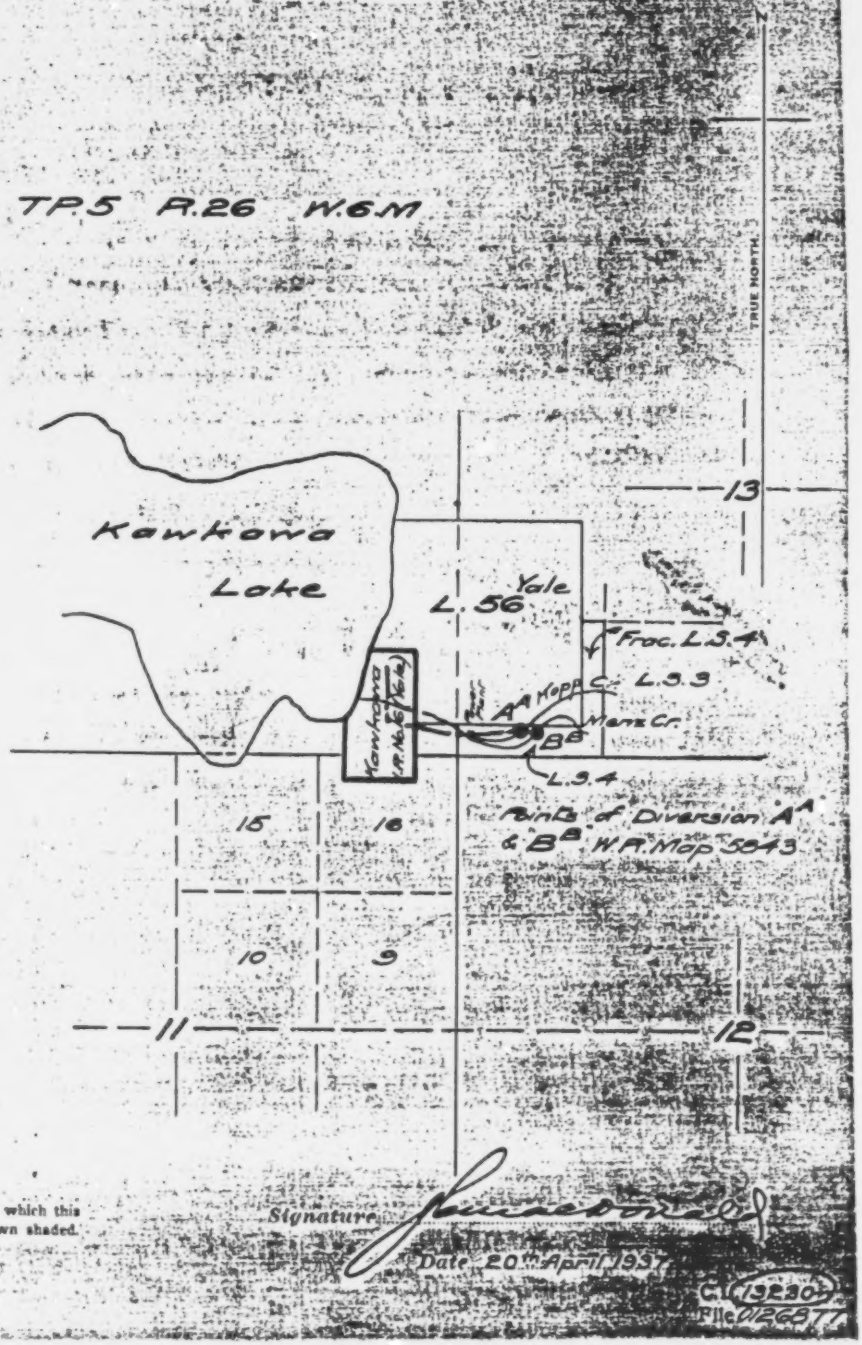
File No. 0126877. Date issued 20th April, 1937. Licence No. 13230

British Columbia

To accompany Conditional Licence No. 13230

NEW WESTMINSTER WATER DISTRICT

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature [signature]

Date 20th April 1937

C.L. 13230

File 0126877

EXHIBIT "A"

500-830-1843

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Superintendent General of Indian Affairs of OTTAWA, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Kopp Spring.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 17th March, 1967.

(*d*) The purpose for which the water is to be used is domestic.

(*e*) The maximum quantity of water which may be diverted is 5,000 gallons a day,

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is
Indian Reserve No.16, Kawkawa, Yale Division of Yale District.

(*h*) The works authorized to be constructed are intake, pipe and distribution system,

and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works has been commenced, and shall be completed and the water beneficially used on or before the 31st day of December, 1970.

Superseded by
Licence F 40219

H. D. DeBeck,
Comptroller of Water Rights.

File No. 0273175 Date issued: 1 February 1968 Conditional Licence No. 32967

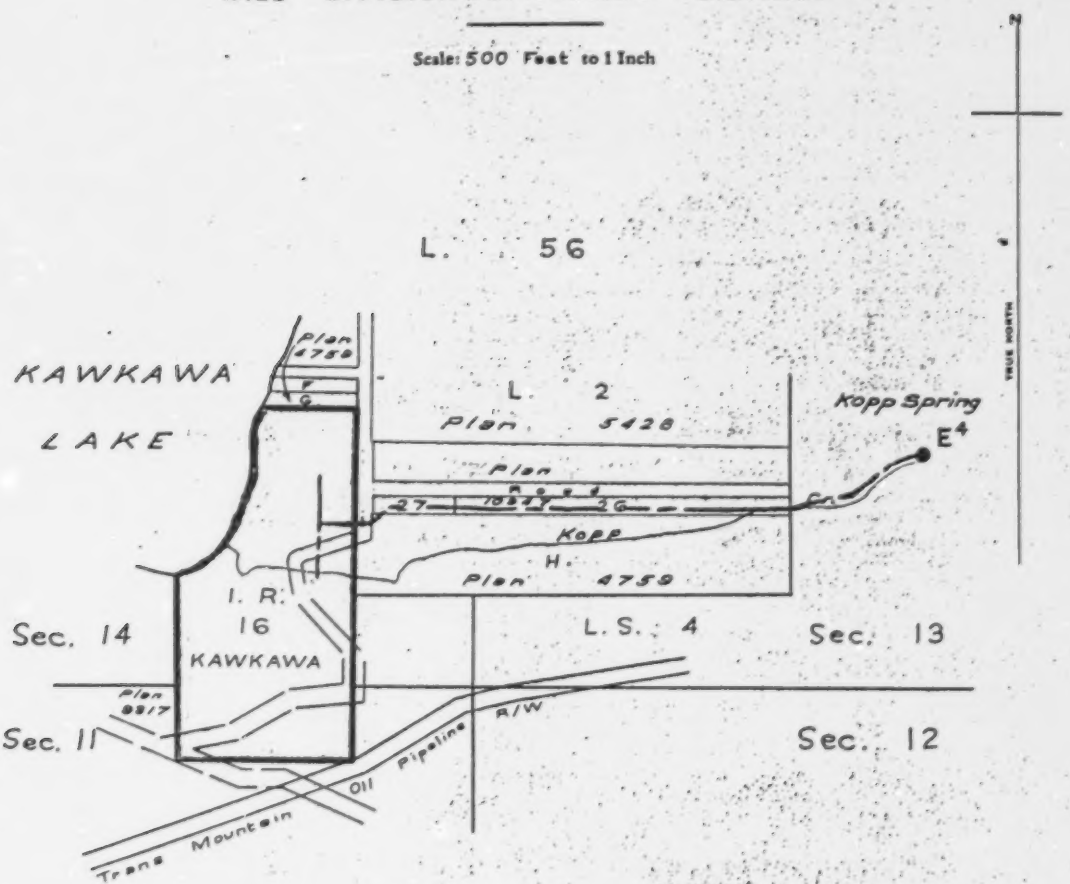
ENTERED ON
Map No. 5243 O GMR.

British Columbia

NEW WESTMINSTER WATER DISTRICT

YALE DIVISION OF YALE DISTRICT

Scale: 500 Feet to 1 Inch



LEGEND

Point of Diversion ●

W.R. Map 5843 D

Pipe — — —

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature [signature]

Date 1 Feb. 1968

C.L. 32967

File 0273175

EXHIBIT "A" 5

800-000-7919

W.R.B. 17—SM-549-7760 (3)

PROVINCE OF BRITISH COLUMBIA

Water Rights Branch

DEPARTMENT OF LANDS AND FORESTS

FINAL WATER LICENCE

JOHN H. STEELE of Box 33, Hope, B. C. is hereby authorized to divert and use water as follows:—

(a) The source of the water-supply is Kopp Creek, tributary of Kawkawa Lake.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 23rd November 1936.

(d) The purpose for which the water is to be used is Domestic.

(e) The maximum quantity of water which may be diverted is 500 gallons a day and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be used is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Kawkawa Indian Reserve No. 16 (Yale)

(h) The works authorized hereunder are pump and pipe located as shown on the attached plan.

(i) This licence is issued in substitution of Conditional Water Licence No. 13230.

(j) This licence authorizes the use of water in the dwelling on the land described in clause (g) at the date hereof and in any dwelling built to replace the same but not in any other dwelling.

ENTERED
Map No. 5943
By A.W.L

ABANDONED
31 JAN 1969

J. E. Lane
Deputy *Comptroller of Water Rights.*

No. 0126877 Date issued Nov. 1, 1949 Licence No. 13572

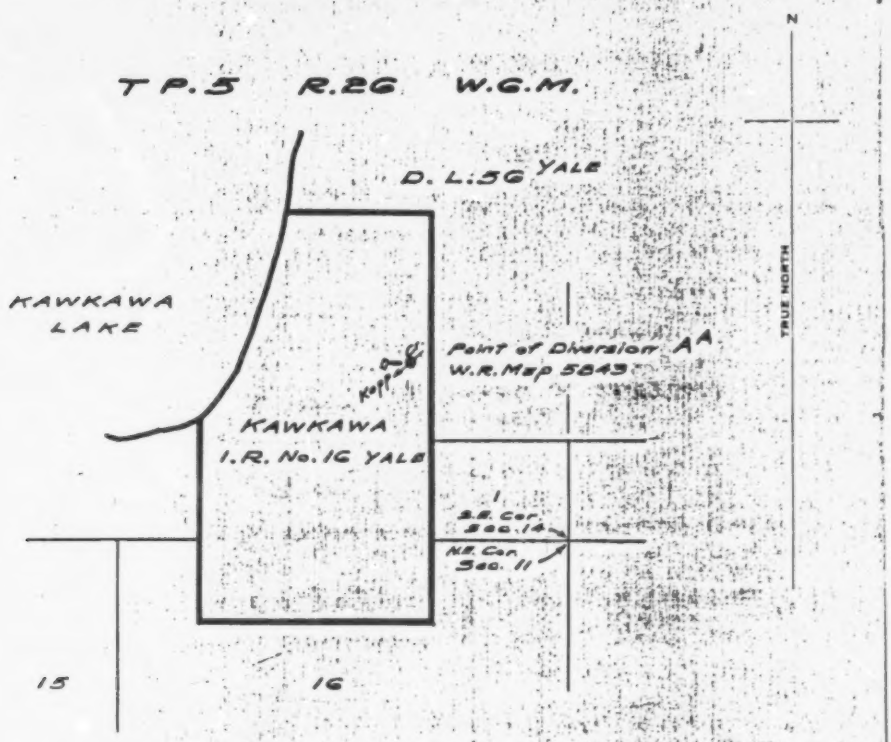
(3)

British Columbia

To accompany ~~Final~~ Licence No. 13572

NEW WESTMINSTER WATER DISTRICT

Scale: 400 feet to 1 Inch



LEGEND

Point of Diversion ●

Pipe Line ——·——

The boundaries of the land to which this licence is appurtenant are shown thus: ——————

Signature J. E. Lane

Date 1ST. Nov. 1949

F.N. 13572 (a) C.L. 13230
File 0126877

EXHIBIT "A"

100 348-9428

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

Superintendent General of Indian Affairs (Fraser Agency), OTTAWA, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Kopp Spring.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 17th March, 1967.

(*d*) The purpose for which the water is to be used is industrial (resort).

(*e*) The maximum quantity of water which may be diverted is 5,000 gallons a day,

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is
Indian Reserve No.16, Kawkawa, Yale Division of Yale District.

(*h*) The works authorized hereunder are diversion structure, and pipe,

located as shown on the attached plan.

(*i*) This licence is issued in substitution of Conditional Water Licence No. 32967.

H. D. DeBeck,
Comptroller of Water Rights.

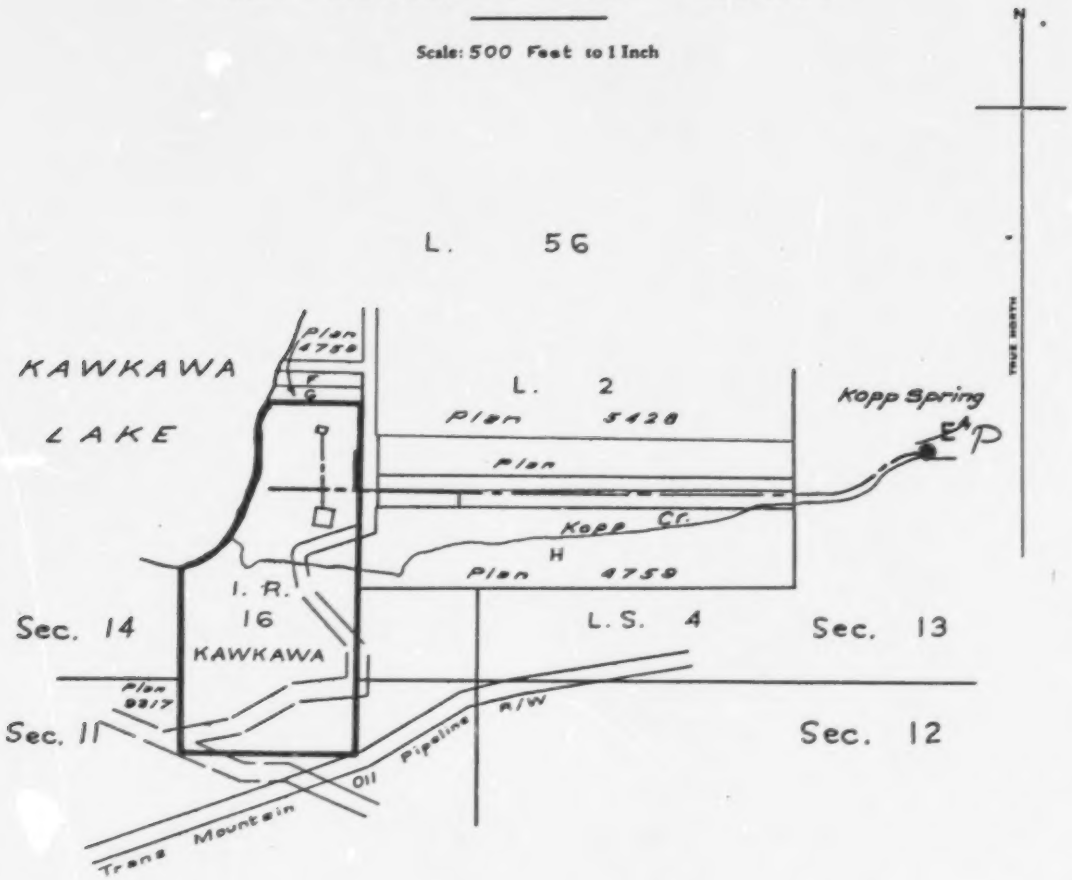
File No. 0273175 Date issued: 15 January 1973 Final Licence No. 40219

British Columbia

NEW WESTMINSTER WATER DISTRICT

YALE DIVISION OF YALE DISTRICT

Scale: 500 Feet to 1 Inch



LEGEND

Point of Diversion
W.R. Map 5843 D 92. H 034.3.3
Pipe

The boundaries of the land to which this licence is appurtenant are shown thus:

Signature

Date 15th Jan. 1975.

EXHIBIT "A"

F.L. 40219 for CL 32967
File 0273175

Hope Precinct

Stream Register Report Water Licence Information System

Report Requested By : CROCHA
Date Report Requested : 1996/09/26 09:31
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD43906 - 92.H.043.2.4 A
END POINT : 80715 - American Creek right of Fraser River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	POD	RED POD	Comments	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1952/11/05	C021169	0197378	FRAC LS 8 OF SEC 33 TP 5 R 26 W6M	DOOLAN KENNETH J & HERTA 6142 DAWN DRIVE DELTA BC V4K4P6				DOM	1,000.00 GD	Jan 01	Dec 31		
	Source		WR Map		POD	RED POD	Comments					Prec	
	American Creek		WR92.H.043.2.4		A	N						20K MM - RUBY	

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : CROCHA
Date Report Requested : 1996/09/26 09:21
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : MO23143 - Kopp Spring on Kopp Creek
END POINT : SO23142 - Kopp Creek left of Kawkawa Lake

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD RED POD Comments					Prec	
1962/04/27	F019464	0243623	L 1 OP L 56 GP 1 YDYD PLAN 10947	STEPHENS LOUISE M STEPHEN SITE 5 C1 RR 2 HOPE B C V0X1L0	DOM	1,000.00 GD	Jan 01	Dec 31		
	Kopp Creek		WR92.H.034.3.3	N N					20G NW - HOPE	
1973/09/06	C103879	0317758	ALL THE LANDS WITHIN THE BOUNDARIES O F THE EAST KAWKAWA LAKE IMPROVEMENT DISTRICT	HOPE DISTRICT OF BOX 609 HOPE BC V0X1L0	WWKLA	6,752,500.00 GY	Jan 01	Dec 31	AT A RATE NOT EXCEEDING 18500 GAD	
	Kopp Creek		WR92.H.034.3.3	N N					20G NW - HOPE	
1980/08/11	C103878	0367069	ALL THE LANDS WITHIN THE BOUNDARIES O F THE EAST KAWKAWA LAKE IMPROVEMENT DISTRICT	HOPE DISTRICT OF BOX 609 HOPE BC V0X1L0	WWKLA	5,657,500.00 GY	Jan 01	Dec 31	AT A RATE NOT EXCEEDING 15500 GAD	
	Kopp Creek		WR92.H.034.3.3	N N					20G NW - HOPE	

---------- Total of 3 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : CROCHA
Date Report Requested : 1996/09/26 09:28
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD43077 - 92.H.034.3.3 P
END POINT : SO23143 - Kopp Spring on Kopp Creek

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1967/03/17	F040219	0273175	IR HO 16 KAWKAWA YDYD	POOLES EVERGREEN RESORT LTD BOX 16 RR 2 HOPE B C V0X1L0	ENTPR	5,000.00 GD	Jan 01	Dec 31		

Source	WR Map	POD	RED POD	Comments	Prec
Kopp Spring	WR92.N.034.3.3	P	N		20G NW - HOPE

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : CROCHA
Date Report Requested : 1996/10/09 08:32
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : 8023110 - Kawkawa Lake on Sucker Creek
END POINT : 8023117 - Sucker Creek right of Coquihalla River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		NR Map	POD	RED	POD Comments			Prec	
1960/02/02	020007	0229399	COMB UNDERTAKING OM PARCEL A L 5 YDYD PLAN B1987	FISHERIES BRANCH 10334 152A ST SURREY BC V3R7P8	COMWR	0.07 AF	Jan 01	Dec 31		
	Sucker Creek		WR92.H.033.4.4	H	N				20G NW - HOPE	
1973/08/06	052066	0317642	L 6 YDYD EXC CPR R/W PLAN A152	HOULDEN ANNIE M C 29 UNION BAR ROAD RR 2 HOPE BC V0X1L0	DOM	250.00 GD	Jan 01	Dec 31		
	Sucker Creek		WR92.H.033.4.4	P	N				20G NW - HOPE	
	Sucker Creek		WR92.H.033.4.4	E	N					
1976/08/03	C051064	0340071	L A OF L 4 & 5 YDYD PLAN 12284	GRETCHIN POLLY BOX 603 HOPE BC V0X1L0	LDIMP	4,500.00 GD	Jan 01	Dec 31		
	Sucker Creek		WR92.H.033.4.4	G	N				20G NW - HOPE	

---------- Total of 3 Licences Reported ----------

AMERICAN CREEK NEAR HOPE - STATION NO. 08MF032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	---	---	---	---	---	---	5.97	---	1933
1934	7.59	4.46	5.85	5.08	3.92	1.09	0.936	0.388	0.491	2.09	5.66	3.92	3.45	1934
35	5.92	3.97	2.06	2.44	4.48	3.33	1.58	0.304	0.655	2.26	2.67	2.63	2.68	1935
36	2.88	---	3.74	9.58	7.11	2.25	0.683	0.188	0.360	0.893	0.705	6.74	---	1936
MEAN	5.46	4.22	3.88	5.70	5.17	2.22	1.07	0.293	0.502	1.75	3.01	4.82	3.07	MEAN

LOCATION - LAT 49 25 52 N LONG 121 26 11 W DRAINAGE AREA, 32.4 km² NATURAL FLOW

AMERICAN CREEK NEAR HOPE - STATION NO. 08MF032

ANNUAL EXTREMES OF DISCEARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1933	---	---	---	---	1933
1934	---	45.6 ON NOV 05	0.266E ON SEP 02	109 000	1934
1935	---	52.7E ON JAN 25 *	0.159 ON SEP 11 *	84 700	1935
1936	---	47.3 ON DEC 18	0.173 ON AUG 22	---	1936
				96 900	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

AMERICAN CREEK NEAR STEWART - STATION NO. 08DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	---	28.2	19.8	13.2	6.22	2.88	---	1929
1930	1.61	1.38	1.46	2.69	7.36	20.2	24.1	24.0	16.1	---	---	---	---	1930
MEAN	1.61	1.38	1.46	2.69	7.36	20.2	24.1	26.1	18.0	13.2	6.22	2.88	---	MEAN

LOCATION - LAT 56 06 24 N LONG 129 52 54 W DRAINAGE AREA, 166 km² NATURAL FLOW

AMERICAN CREEK NEAR STEWART - STATION NO. 08DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
929	---	---	---	---	1929
930	---	---	---	---	1930
				---	MEAN

ANAHIM CREEK NEAR ALEXIS CREEK - STATION NO. 08MB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	1.31	0.885	0.195	0.215	0.090	0.059	0.261	---	---	1949
1950	---	---	---	0.524	1.45	1.18	0.227	0.052	0.018	0.030	---	---	---	1950
1951	---	---	---	---	0.751	0.587	0.109	0.017	0.011	---	---	---	---	1951
1952	---	---	---	---	0.789	0.725	0.615	0.251	0.219	---	---	---	---	1952
1953	---	---	---	0.146	0.345	0.599	0.157	0.057	0.042	---	---	---	---	1953
1954	---	---	---	---	0.482	0.698	---	---	---	---	---	---	---	1954
MEAN	---	---	---	0.335	0.855	0.779	0.261	0.118	0.076	0.045	0.261	---	---	MEAN

LOCATION - LAT 52 01 54 N LONG 123 11 07 W DRAINAGE AREA, 686 km² NATURAL FLOW

ANAHIM CREEK NEAR ALEXIS CREEK - STATION NO. 08MB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1949	---	3.82 ON APR 08 *	0.048E ON JUL 29	---	1949
1950	---	1.67 ON MAY 05	0.017E ON APR 01	---	1950
1951	---	---	0.008 ON SEP 04 *	---	1951
1952	---	1.42 ON APR 25	0.207 ON SEP 15	---	1952
1953	---	0.759 ON JUN 13	0.028E ON APR 01	---	1953
1954	---	---	---	---	1954
				---	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KOOTENAY RIVER NEAR SKOOKUMCHUCK - STATION NO. 08NG053

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	725 ON JUN 21	---	---	1950
1951	---	776 ON JUN 16	13.9 ON JAN 06	4 430 000	1951
1952	518 AT 09:00 PST ON JUN 05	504 ON JUN 06	18.4 ON NOV 27	3 460 000	1952
1953	796 AT 10:00 PST ON JUN 14	773 ON JUN 14	17.0 ON FEB 20	3 460 000	1953
1954	770 AT 12:00 PST ON JUL 02	762 ON JUL 02	17.6 ON MAR 29	4 670 000	1954
1955	824 AT 12:00 PST ON JUN 24	810 ON JUN 24	17.4 ON MAR 25	3 500 000	1955
1956	864 AT 11:15 PST ON JUN 02	847 ON JUN 02	13.3A ON DEC 08	4 130 000	1956
1957	544 AT 16:30 PST ON JUN 09	521 ON JUN 09	17.0A ON FEB 21	3 330 000	1957
1958	614 AT 11:30 PST ON MAY 25	600 ON MAY 25	16.3E ON JAN 03	3 140 000	1958
1959	711 AT 13:00 PST ON JUN 22	702 ON JUN 22	13.5B ON JAN 06	4 400 000	1959
1960	600 AT 08:00 PST ON JUN 04	572 ON JUN 04	17.1B ON DEC 09	3 390 000	1960
1961	943 AT 04:00 PST ON MAY 28	903 ON MAY 28	16.4B ON JAN 22	3 910 000	1961
1962	595 AT 11:45 PST ON JUN 18	580 ON JUN 18	14.0 ON DEC 25	3 230 000	1962
1963	535 AT 11:30 PST ON JUN 17	524 ON JUN 17	14.0A ON JAN 12	3 500 000	1963
1964	648 AT 14:45 PST ON JUN 14	643 ON JUN 14	20.4E ON DEC 18	3 650 000	1964
1965	719 AT 05:00 PST ON JUN 19	688 ON JUN 19	21.8 ON MAR 18	3 750 000	1965
1966	731 AT 18:00 PST ON JUN 01	708 ON JUN 01	22.1 ON DEC 09	3 860 000	1966
1967	818 AT 17:00 PST ON JUN 22	801 ON JUN 22	17.8A ON DEC 16	4 150 000	1967
1968	708 AT 17:00 PST ON JUN 03	631 ON JUN 03	17.0E ON JAN 28	3 360 000	1968
1969	728 AT 10:50 PST ON JUN 06	711 ON JUN 06	19.5 ON DEC 28	3 960 000	1969
1970	527 AT 07:37 PST ON JUN 06	513 ON JUN 06	17.2 ON NOV 23	2 510 000	1970
1971	629 AT 10:53 MST ON JUN 24	614 ON JUN 24	16.1 ON DEC 09	3 720 000	1971
1972	1 030 AT 17:55 MST ON JUN 01	997 ON JUN 01	15.4E ON DEC 08	4 560 000	1972
1973	614 AT 17:50 MST ON JUN 24	595 ON JUN 24	16.4B ON JAN 10	3 010 000	1973
1974	1 160 AT 16:10 MST ON JUN 17 *	1 140 ON JUN 18 *	16.2 ON JAN 02	4 270 000	1974
1975	507 AT 02:45 MST ON JUL 08	467 ON JUL 08	16.8 ON JAN 12	3 140 000	1975
1976	643 AT 16:07 MST ON JUL 01	606 ON JUL 01	16.9 ON MAR 03	4 250 000	1976
1977	595 AT 08:41 MST ON JUN 09	564 ON JUN 09	12.5 ON NOV 22	2 540 000	1977
1978	677 AT 13:56 MST ON JUN 06	651 ON JUN 06	15.7 ON MAR 03	3 570 000	1978
1979	524 AT 16:20 MST ON MAY 27	483 ON MAY 27	15.2 ON DEC 17	2 470 000	1979
1980	527 AT 22:20 MST ON MAY 22	507 ON MAY 22	11.4 ON JAN 09 *	3 710 000	1980
1981	810 AT 23:00 MST ON MAY 26	767 ON MAY 27	16.2 ON FEB 11	4 150 000	1981
1982	735 AT 11:27 MST ON JUN 16	724 ON JUN 16	19.4A ON FEB 05	3 670 000	1982
1983	615 AT 14:55 MST ON MAY 30	596 ON MAY 30	18.6B ON DEC 24	3 280 000	1983
1984	707 AT 06:58 MST ON JUN 30	665 ON JUN 30	19.6 ON DEC 05	3 100 000	1984
1985	609 AT 06:20 MST ON MAY 26	581 ON MAY 26	15.0B ON FEB 02	2 970 000	1985
1986	1 050 AT 17:31 MST ON MAY 29	1 010 ON MAY 29	15.6B ON FEB 15	3 860 000	1986
1987	574 AT 06:37 MST ON MAY 13	537 ON MAY 13	11.1 ON DEC 19	2 970 000	1987
1988	670 AT 18:11 MST ON JUN 08	621 ON JUN 08	13.5B ON JAN 06	2 910 000	1988
1989	594 AT 11:40 MST ON JUN 16	583 ON JUN 16	14.9 ON MAR 02	3 370 000	1989
1990	748 AT 12:55 MST ON JUN 25	725 ON JUN 25	14.5E ON DEC 21	4 060 000	1990
				3 580 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KOOTENAY RIVER NEAR TAGHUM - STATION NO. 08NJ002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	1 190	1 780	1 380	728	438	---	---	---	---	1930
MEAN	---	---	---	---	1 190	1 780	1 380	728	438	---	---	---	---	MEAN

LOCATION - LAT 49 29 36 N LONG 117 23 05 W REGULATED

KOOTENAY RIVER NEAR TAGHUM - STATION NO. 08NJ002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	1 970 ON JUN 14 *	---	---	1930
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

KOPP CREEK ABOVE MENZ CREEK - STATION NO. 08MF067

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	0.084	0.082	0.080	0.068	---	---	---	---	1982
1983	---	---	---	0.070	0.069	0.071	0.076	0.067	0.062	---	---	---	---	1983
1984	---	---	---	0.098	0.091	0.093	0.100	0.084	0.080	---	---	---	---	1984
1985	---	---	---	---	0.075	0.079	0.078	0.069	0.065	0.074	---	---	---	1985
MEAN	---	---	---	0.084	0.078	0.082	0.084	0.075	0.069	0.074	---	---	---	MEAN

LOCATION - LAT 49 23 03 N LONG 121 23 28 W REGULATED

KOPP CREEK ABOVE MENZ CREEK - STATION NO. 08MF067

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	---	---	---	1984
1985	---	---	---	---	1985
MEAN	---	---	---	---	MEAN

KOSTERING CREEK NEAR JESMOND - STATION NO. 08MD019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	0.538	0.343	0.222	---	---	---	---	---	1950
MEAN	---	---	---	---	---	0.538	0.343	0.222	---	---	---	---	---	MEAN

LOCATION - LAT 51 08 06 N
LONG 121 54 25 W NATURAL FLOW

KOSTERING CREEK NEAR JESMOND - STATION NO. 08MD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
MEAN				---	MEAN

KUSKANAX CREEK AT 1040 M CONTOUR - STATION NO. 08NE117

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	---	1.14	---	1973
1974	0.985	0.765	0.704	1.89	11.0	34.1	18.0	4.13	1.55	0.997	0.830	0.712	6.31	1974
1975	0.506	0.482	0.511	0.811	11.0	22.2	10.7	4.08	3.15	2.64	3.04	1.99	5.10	1975
1976	1.28	0.628	0.472	1.78	16.7	20.5	20.9	11.7	5.29	1.60	1.10	0.961	6.92	1976
1977	0.644	0.552	0.511	4.35	13.4	17.8	5.09	2.73	2.64	1.62	1.38	0.981	4.34	1977
1978	0.818	0.781	1.05	3.96	13.2	24.4	12.0	3.37	6.79	2.78	2.17	0.997	6.04	1978
1979	0.715	0.629	0.659	1.46	14.4	19.1	7.23	1.62	1.39	1.19	1.05	1.49	4.26	1979
1980	0.844	0.703	0.814	8.30	23.7	15.8	5.37	1.87	3.13	2.65	2.31	2.10	5.64	1980
1981	1.83	1.05	0.953	2.79	18.6	16.8	15.7	3.97	2.27	3.51	2.49	2.15	5.97	1981
1982	0.695	0.643	0.503	0.740	11.4	30.6	12.2	4.45	3.02	2.27	1.47	0.905	5.75	1982
1983	0.727	0.602	0.731	2.98	16.0	18.6	13.1	2.86	2.83	1.22	3.07	1.06	5.36	1983
1984	1.33	0.776	0.679	2.88	8.29	25.0	13.0	3.26	3.31	1.53	1.12	0.785	5.17	1984
1985	0.578	0.515	0.490	3.02	19.5	18.9	5.49	1.68	2.69	3.81	1.89	0.761	4.96	1985
1986	0.626	0.651	1.07	3.11	17.1	23.1	9.85	2.26	1.26	2.01	1.59	0.936	5.32	1986
1987	0.716	0.619	0.940	4.44	21.4	15.6	5.00	1.76	0.998	0.749	0.907	0.729	4.53	1987
1988	0.444	0.408	0.477	6.12	17.6	18.7	7.97	1.54	1.20	3.78	2.78	1.07	5.18	1988
1989	0.776	0.625	0.562	3.08	14.3	22.6	7.38	3.24	2.32	1.68	3.81	1.37	5.15	1989
1990	0.782	0.702	0.698	5.82	15.6	26.0	14.7	2.65	1.23	2.53	3.86	1.52	6.35	1990
MEAN	0.841	0.655	0.696	3.40	15.5	21.7	10.8	3.36	2.67	2.17	2.05	1.15	5.43	MEAN

LOCATION - LAT 50 20 36 N DRAINAGE AREA, 113 km^2
LONG 117 31 05 W NATURAL FLOW

KUSKANAX CREEK AT 1040 M CONTOUR - STATION NO. 08NE117

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	63.4 AT 22:14 PST ON JUN 16	54.7 ON JUN 17	0.586 ON MAR 22	199 000	1974
1975	35.4 AT 05:57 PST ON JUN 15	33.1 ON JUN 05	0.445B ON FEB 05	161 000	1975
1976	42.5 AT 02:50 PST ON JUN 30	39.6 ON JUN 30	0.385B ON MAR 04	219 000	1976
1977	48.1 AT 19:16 PST ON JUN 07	39.1 ON JUN 07	0.481 ON APR 03	137 000	1977
1978	46.4 AT 20:53 PST ON JUN 05	41.6 ON JUN 05	0.705 ON MAR 16	190 000	1978
1979	42.8 AT 23:29 PST ON MAY 26	33.5 ON MAY 26	0.525 ON FEB 28	134 000	1979
1980	45.9 AT 22:41 PST ON MAY 21	36.5 ON APR 29	0.606 ON FEB 25	178 000	1980
1981	48.1 AT 22:55 PST ON MAY 28	37.1 ON MAY 25	0.827 ON MAR 09	188 000	1981
1982	49.7 AT 21:15 PST ON JUN 15	44.6 ON JUN 15	0.460 ON MAR 26	181 000	1982
1983	57.2 AT 09:00 PST ON JUL 12	42.6 ON MAY 30	0.558B ON FEB 10	169 000	1983
1984	79.1 AT 12:38 PST ON JUN 29 *	54.8 ON JUN 29	0.635 ON MAR 07	164 000	1984
1985	50.6 AT 20:16 PST ON MAY 23	45.1 ON MAY 23	0.456 ON MAR 14	156 000	1985
1986	53.2 AT 18:53 PST ON MAY 28	39.7 ON MAY 28 *	0.582B ON FEB 17	168 000	1986
1987	61.4 AT 08:51 PST ON MAY 12	46.9 ON MAY 12	0.510B ON DEC 31	143 000	1987
1988	44.1 AT 17:42 PST ON MAY 13	41.1 ON MAY 13	0.350E ON FEB 23 *	164 000	1988
1989	52.6 AT 05:04 PST ON JUN 15	40.3 ON JUN 15	0.528 ON APR 03	162 000	1989
1990	49.7 AT 21:23 PST ON JUN 24	43.8 ON JUN 24	0.579B ON JAN 11	200 000	1990
MEAN				171 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHEDULE of Indian Reserves in the Dominion—*Continued.*

BRITISH COLUMBIA, LYTTON AGENCY—*Continued.*

No.	Name.	Where Situated.	Tribe or band.	Area, Acres.	Remarks.
16	Kawkawa	Yale district, in section 14, township 5, range 26, west of 6th meridian, on eastern shore of Kawkawa lake.	Yale Union Bar band	10·00	10 inches of water from the stream which flows through the land, and all water from other sources on the reserve recorded Sept. 25, 1885.
.....	Seabird Island	Yale district, townships 3 and 4, range 28, west of 6th meridian.	" "	.....	Seabird island, containing 4,511·50 acres, was allotted by Comm'r Sproat on June 13, 1879, to the Yale, Union Bar, Popkum, Squawtits, Ohamil, Skawahlook and Hope Indians in common. *See* note at Ohamil band.
17	Fisheries	Yale district	Yale	10·00	
18	Lady Franklin's Rock	"	"	3·50	
19	.....	Claimed by the Hope Indians	"	3·00	
20	.....	Used principally by the Squawtits Indians	"	14·00	
21	.....	Skawahlook and Yale Indians	"	43·00	Minutes of decision by A. W. Vowell, I.R.C., dated Yale, B.C., April 26, 1906. Surveyed 1912. These lands are in the railway belt, and under the control of the Department of the Interior.
22	.....	Includes a grave-yard and the rocks claimed by Billy Swallsea.	"	15·00	
23	.....		"	11·00	
24	.....	A burial ground for Indians	"	9·00	
1	Tsawawmuck	Yale district, on the left bank of Fraser river, at the mouth of Ainslie creek, 32 miles above Yale.	Boothroyd, Chomok band	47·50	40 inches of water recorded from Ainslie creek, and all the water from all other sources of water-supply on the reserve. Surveyed. Approved June 24, 1887.
2	Tsintahktl	Yale district, on the left bank of Fraser river, 33 miles above Yale.	" "	37·00	15 inches of water recorded from Jamieson creek, and all the water from all other sources of water-supply on the reserve. Surveyed. Approved June 24, 1887.
3	Speyum	Yale district, on the right bank of Fraser river, opposite reserve No. 1, 32 miles above Yale.	" "	374·50	50 inches of water recorded from Speyum creek; 50 inches from Nepopulchin creek, and all the water from all other sources of water-supply on the reserve. Surveyed. Approved June 24, 1887.
4	Kahmooes	Yale district, on the left bank of the Fraser river, 34 miles above Yale, in sec. 4, tp. 12, R. 26, west of 6th meridian.	" "	60·00	10 inches of water recorded from Jamieson creek, and all the water from all other sources of water-supply on the reserve. Surveyed. Approved June 24, 1887.
5	Sho-ook	Yale district, between the 35 and 36 mile posts, on the road from Yale, in tp. 12, R. 26, west of 6th meridian.	" "	413·00	200 inches of water recorded from Nkatsam creek, and all the water from all other sources of water-supply on the reserve.
5A	Boothroyd	Sections 9 and 10, tp. 12, R. 26, west of 6th meridian.	" "	203·33	
5B	"	Sections 3 and 4, tp. 12, R. 26, and sections 33 and 34, tp. 11, R. 26, west of 6th meridian.	" "	621·08	Surveyed 1911.

					Union Bar, and Yale Indians in common. *See* note at Ohamil band.
1	Yale Town.....	Yale district, in section 14, township 7, range 26, west of 6th meridian.	Yale.....	17·50	Allotted by Commissioner O'Reilly, May 23, 1881. 20 inches of water from Yale creek recorded Sept. 25, 1888.
2	4½ Mile reserve.....	Yale district, in section 24, township 7, range 26, west of 6th meridian, on right bank of Fraser river, 4½ miles above Yale.	"	15·00	Allotted by Commissioner Sproat, August 5, 1879. 15 inches of water from the stream on the reserve and all the water from other sources on the reserve recorded Sept. 25, 1888.
3	Kuthlalth.....	Yale district, in section 13, township 7, range 26, west of 6th meridian, on left bank of Fraser river, ½ mile above Yale.	"	302·00	Allotted by Commissioner Sproat, August 5, 1879. Foreshore added to this reserve by Order in Council, August 9, 1900; 20 inches of water recorded Sept. 25, 1888.
4	Qualark.....	Yale district, in township 6, range 26, west of 6th meridian, on left bank of Fraser river, three miles below Yale.	"	27·00	Allotted by Commissioner O'Reilly, May 23, 1881. In railway belt. Surveyed, 1882-4. Approved, May 1, 1886.
5	Albert Flat.....	Yale district, in townships 6, 7, range 26, west of 6th meridian, on right bank of Fraser river, three miles below Yale.	"	160·00	Allotted by Commissioner Sproat, August 5, 1879. ABANDONED 1925/11/25
			"	.....	100 inches of water from Gordon creek, and all the water from other sources on the reserve recorded Sept. 25, 1888.
6	Squeah.....	Yale district, in township 6, range 26, west of 6th meridian, on left bank of Fraser, five miles below Yale.	"	46·00	Allotted by Commissioner O'Reilly, May 23, 1881. 25 inches of water from Squeah creek recorded Sept. 25, 1888.
7	Kaykalp.....	Yale district, in township 6, range 26, west of 6th meridian, on left bank of Fraser river, 5½ miles below Yale.	"	31·00	Allotted by Commissioner O'Reilly, May 23, 1881. 20 inches of water from Kaykalp creek recorded Sept. 25, 1888.
8	Stullawheets.....	Yale district, in township 6, range 26, west of 6th meridian, on right bank of Fraser river.	"	134·80	Allotted by Commissioner Sproat, August 5, 1879. 50 inches of water from Stullawheets creek recorded Sept. 25, 1888.
9	Luksectsis-sum or Ruby creek.	Yale district, in townships 4, 5, range 27, west of 6th meridian, at mouth of Ruby creek, on right bank.	"	57·00	In railway belt. Allotted by Commissioner Sproat, August 5, 1879. Surveyed, 1882-4. Approved, May 1, 1886. The C. P. Ry. crosses this reserve and also has a wye located on it.
10	Skawahlum.....	Yale district, in township 6, range 26, west of 6th meridian, on right bank of Fraser river.	Yale Union Bar band	11·80	20 inches of water from Skawaylak creek recorded Sept. 25, 1888. ABANDONED 1925/11/25
11	Puckatholetchin.....	Yale district, in townships 5, 6, range 26 west of 6th meridian, on right bank of Fraser river, five miles above Hope.	" " ..	606·50	150 inches of water from American Bar creek recorded Sept. 25, 1888.
12	Klaklacum.....	Yale district, in township 5, range 26, west of 6th meridian, on right bank of Fraser river, three miles above Hope.	" " ..	71·75	20 inches of water from American Bar creek recorded Sept. 25, 1888. ABANDONED 1925/11/25
13	Trafalgar Flat.....	Yale district, in township 5, range 26, west of 6th meridian, on left bank of Fraser river, 2½ miles above Hope.	" " ..	172·00	In railway belt. Allotted by Commissioner Sproat, August 12, 1879. Surveyed, 1881.
14	Timber reserve.....	Yale district, in township 5, range 26, west of 6th meridian, on left bank of Fraser river, three miles above Hope.	" " ..	224·20	200 inches of water from Hamlin's creek recorded Sept. 25, 1888, for use on reserve No. 13.
15	Aywawwis.....	Yale district, in township 5, range 26, west of 6th meridian, on left bank of the Fraser river, at the mouth of Coquehalla river.	" " ..	229·40	

Dept. of Lands NOV 24 1925 Water Branch

13777

Board File

27-14-1 - Yale I.R.No.10 (Skawahlum) - I.R.C. Allotment 12 Aug.1879, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - 20 inches of water from Ska-way-luk Creek.

29-14-1 - Yale I.R.No.12 (Klaklacum) - I.R.C. Allotment 12 Aug.1879, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - 20 inches of water from American Bar Creek.

4-10-1 - Boston Bar I.R.No.3 -(Austin's Flat) - I.R.C. Allotment 1st June, 1878, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888, - 10 inches from the nearest stream below the Reserve and all the water from all the springs and other sources on the reserve.

6-14-1 - Boston Bar I.R.No.6 - (Pauls) I.R.C. Allotment 1st June,1878, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - 5 inches of water from Scaucy Creek and all other sources of water supply on the reserve.

7-14-1 - Boston Bar I.R.No.7 - (Shrypttahooks) - I.R.C. Allotment 1st June 1878, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888, - 100 inches of water from Scaucy Creek and all water from all other sources of water supply on the reserve.

8-15-1 - High Bar I.R. - Provincial Record dated 3rd Nov. 1903 - 200 inches of water from Watson Bar Creek.

28-16-1 - Seton Lake I.R.No.3 - Provincial Record (?) - 12 inches of water from a spring (Reserve cancelled).

29-16-1 - Seton Lake I.R. No. 4 - Provincial Record (?) - Spring (Reserve Cancelled)

KAMLOOPS AGENCY.

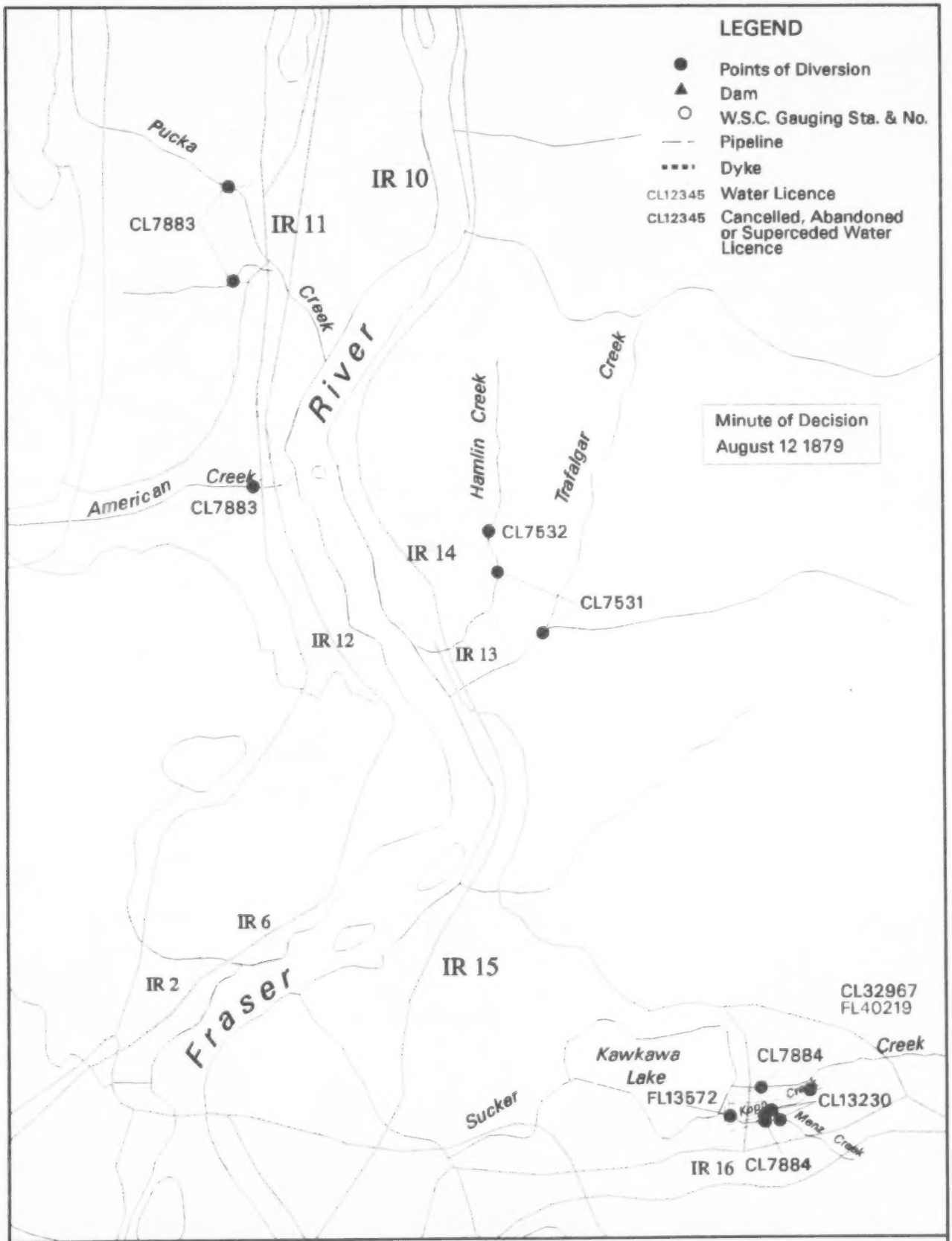
1-1-1 - Adams Lake I.R.No.1 - I.R.C. Allotment 29th July, 1877, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - "100 inches of water from East Creek".

2-1-1 - Adams Lake I.R. No.2 - I.R.C. Allotment 29th July 1877, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - "10 inches of water from Pass Creek".

15-1-1 - Adams Lake I.R.No. 7 - I.R.C. Allotment 16th Aug. 1877, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - "100 inches from Salmon River for Haltkam".

16-1-1 - Neskainlith I.R.No.3 - I.R.C. Allotment 16th Aug. 1877, recorded in Dominion Lands Office at New Westminster 26 Sept. 1888 -"100 inches from Salmon River for Halaut"

PABC - REEL B4472
WRB FILE 0-1-1



UNION BAR FIRST NATION

Scale: 1 : 40,000

Ministry of Environment, Lands & Parks | Date: February 2000 | Environment & Lands Division